

INTERNATIONAL SEARCH REPORT

PCT/IB2004/003904

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G11B7/0065 G11C13/04 G06K7/10 H04N3/15

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11B G11C G06K H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 490 061 B1 (TANAKA SATORU ET AL) 3 December 2002 (2002-12-03) column 8 - column 10; figure 2 -----	1-8
Y	US 6 570 613 B1 (HOWELL PAUL) 27 May 2003 (2003-05-27) column 6 - column 12; figure 10 -----	1-8
Y	US 6 249 312 B1 (BROEKAERT MICHEL) 19 June 2001 (2001-06-19) column 2 - column 4 -----	1-8
Y	EP 1 199 614 A (PIONEER CORPORATION) 24 April 2002 (2002-04-24) the whole document -----	1-8
	-/--	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

5 April 2005

Date of mailing of the international search report

15/04/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Damp, S

INTERNATIONAL SEARCH REPORT

PCT/IB2004/003904

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 669 757 A (CANON KABUSHIKI KAISHA) 30 August 1995 (1995-08-30) the whole document -----	1-8
Y	WO 97/12483 A (ELONEX TECHNOLOGIES, INC) 3 April 1997 (1997-04-03) the whole document -----	1-8
Y	WO 00/59206 A (RAMOT UNIVERSITY AUTHORITY FOR APPLIED RESEARCH & MENDLOVIC, DAVID; Z) 5 October 2000 (2000-10-05) the whole document -----	1-8
Y	PATENT ABSTRACTS OF JAPAN vol. 016, no. 196 (E-1200), 12 May 1992 (1992-05-12) & JP 04 027264 A (NIDEK CO LTD), 30 January 1992 (1992-01-30) abstract -----	1-8
A	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 03, 3 April 2002 (2002-04-03) & JP 2001 309229 A (VICTOR CO OF JAPAN LTD), 2 November 2001 (2001-11-02) abstract -----	1-8

INTERNATIONAL SEARCH REPORT

PCT/IB2004/003904

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6490061	B1	03-12-2002	JP 2000284671 A US 2003039000 A1	13-10-2000 27-02-2003
US 6570613	B1	27-05-2003	NONE	
US 6249312	B1	19-06-2001	FR 2756129 A1 DE 19750947 A1 GB 2319426 A ,B IL 122156 A JP 10173974 A	22-05-1998 20-05-1998 20-05-1998 06-12-2000 26-06-1998
EP 1199614	A	24-04-2002	JP 2002123161 A EP 1199614 A2 US 2002051419 A1	26-04-2002 24-04-2002 02-05-2002
EP 0669757	A	30-08-1995	JP 3118135 B2 JP 7240867 A JP 7240932 A JP 3200276 B2 JP 7240870 A DE 69528915 D1 DE 69528915 T2 EP 0669757 A2 US 6734903 B1	18-12-2000 12-09-1995 12-09-1995 20-08-2001 12-09-1995 09-01-2003 31-07-2003 30-08-1995 11-05-2004
WO 9712483	A	03-04-1997	WO 9712483 A1	03-04-1997
WO 0059206	A	05-10-2000	AU 3453000 A EP 1169847 A1 WO 0059206 A1	16-10-2000 09-01-2002 05-10-2000
JP 04027264	A	30-01-1992	NONE	
JP 2001309229	A	02-11-2001	NONE	